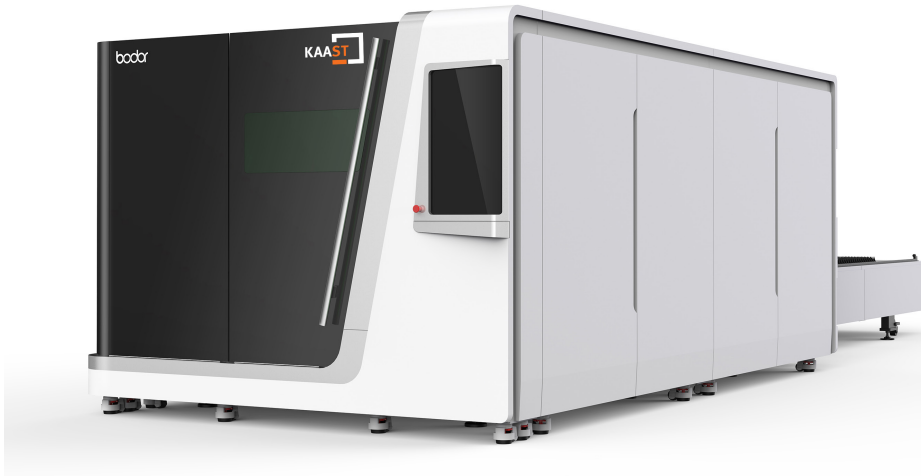


P3015 + 12kw Max

1500x3000 mm (5'x10')

Hi-performance fiber laser cutting machine



Standard Configuration

- 21" touchscreen control
- Wireless remote control pendant
- Automatic collision avoidance
- Precitec auto-focus cutting head
- Shuttle tables (10 seconds)
- Cast iron bed
- Automatic gas adjustment
- Automatic nozzle change

Features

- **5x10' Shuttle table**
- **12kw Max fiber laser**
- **460'/min 2.5 G acceleration**
- **Cuts 0.5" mild or 1" stainless with just air!**
- **Cuts up to 1.5" mild or stainless**
- **Low cost per foot**

The fiber laser cutting systems known **P Series**, feature an optional complete enclosure of the cutting envelope, which isolates laser radiation and pollution offering higher safety levels. Smoke and dust produced during cutting is automatically collected to ensure a clean operating area.

These machines also feature an intelligent anti-collision system. This 360° radar system can detect any obstacles in advance and Z axis high-speed motion will be activated to immediately avoid obstacles, avoiding collisions. This function reduces the damage rate of the laser head, and accordingly reduces maintenance cost and prolongs the service life of the machine.

Specifications

Working Area	1500x1500 mm (5x10')
Laser Power	12kw
Base Construction	Cast Iron
Positioning Accuracy	0.03 mm (0.001")
Repeatability	0.02 mm (0.0008")
Indexing Speed	140m/min (460'/min)
Max Acceleration	2.5 G
Z-Axis Travel	315 mm (12.4")
Table Load Capacity	1400 kg (3080 lbs)
Shuttle Table Exchange	10 s
Auto Nozzle Changer	8
Laser Head	Precitec
Dimensions	9950x3050x2300 mm (392x120x91")
Weight	8300 kg (18,260 lbs)



P3015 + 12kw Max

1500x3000 mm (5'x10')

Hi-performance fiber laser cutting machine



Cutting Speeds

Thickness		20 Ga	14 Ga	11 Ga	3/16"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"
Speed Feet per Minute	Carbon Steel	230 - 150	115 - 100	90 - 70	75 - 60	55 - 40	23 - 17	17 - 10	10 - 7	5 - 3	4 - 2	3 - 1	2 - 1	1 - 1
	Stainless Steel	280 - 230	220 - 130	150 - 115	82 - 60	50 - 40	26 - 20	18 - 13	9 - 7	7 - 4	3 - 2	2 - 1	1.3 - 0.5	0.5 - 0.3
	Aluminum	280 - 200	165 - 125	130 - 100	80 - 50	50 - 33	26 - 15	16 - 13	8 - 5	5 - 6	3 - 2	2.5 - 1	1.5 - 1.5	0.5 - 0
	Brass	220 - 180	165 - 125	100 - 70	70 - 50	50 - 33	21 - 15	13 - 8	4 - 2	2 - 1				



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